

ABSTRACT

A power control system for an LCD monitor having an LCD panel includes a light source unit providing light to the LCD panel, a power supply unit generating a standard low DC current, and a high-voltage generator for converting the lower DC voltage to a relatively high voltage and supplying the high voltage to the light source. The power control system further includes a feedback control unit coupled to the power supply unit for interrupting the operation of the power supply unit when the converted high voltage is determined to be abnormal. The feedback control unit includes a cable, through which a voltage can be induced due to high voltage generated by the high-voltage generator, and a power supply control circuit capable of interrupting the operation of the power supply unit when the converted high voltage is determined to be abnormal by analyzing the induced current. The